Applicant : Kevin H. Gillesp.: Attorney's Docket No.: 06129-156001

Serial No.: 09/458,415

Filed: December 10, 1999

Page : 2

6. The shoe outsole of claim 5 wherein the intermediate member extends to within about 1.5 mm of a front edge of the shoe outsole.

- 7. The shoe outsole of claim 5 wherein the intermediate member extends to within about 2 mm of a back edge of the shoe outsole.
- 8. The shoe outsole of claim 1 wherein the outer member includes a back wall having a rounded contour extending smoothly between a horizontal plane and a vertical plane.

## 47. A shoe outsole, comprising:

an outer member including an intermediate region and an inner heel region;

an intermediate member located in the intermediate region and having a softer durometer than the outer member, the intermediate member including a plurality of ridges, and

an inner member located in the inner heel region and including a ground contacting surface, the inner member having a softer durometer than the outer member.

## 48. A shoe outsole, comprising:

an outer member including an inner heel region, a lower forefoot region, an opposite upper forefoot region, and a back wall, the back wall having a rounded contour extending smoothly between a horizontal plane and a vertical plane;

an inner member located in the inner heel region and including a ground contacting surface, the inner member having a softer durometer than the outer member;

a plurality of substantially parallel grooves defined in the lower forefoot region and at least one of the plurality of grooves extending toward a front edge of the shoe outsole beyond a ground engaging portion of the lower forefoot region when flat footed;

a plurality of substantially parallel grooves defined in the lower forefoot region;

a plurality of substantially parallel ridges included in the lower forefoot region, at least some of the ridges being interdigitated with the grooves in the lower forefoot region; and a plurality of substantially parallel grooves defined in the upper forefoot region.

Applicant : Kevin H. Gillesp.

Serial No.: 09/458,415

Filed: December 10, 1999

Page : 3

: December 10, 1999

49. The shoe outsole of claim 1 wherein the outer member includes a lower forefoot region, and an upper surface including an opposite, upper forefoot region, there being a plurality of grooves defined in the lower forefoot region and a plurality of grooves defined in the upper forefoot region.

iey's Docket No.: 06129-156001

- 50. The shoe outsole of claim 49 wherein the grooves in the lower forefoot region are substantially parallel.
- 51. The shoe outsole of claim 49 wherein the grooves in the upper forefoot region are substantially parallel.
- 52. The shoe outsole of claim 49 wherein the grooves in the lower forefoot region are generally transverse to a longitudinal axis of the shoe outsole.
- 53. The shoe outsole of claim 52 wherein the grooves in the lower forefoot region are substantially perpendicular to the longitudinal axis of the shoe outsole.
- 54. The shoe outsole of claim 49 wherein the grooves in the upper forefoot region are generally transverse to a longitudinal axis of the shoe outsole.
- 55. The shoe outsole of claim 54 wherein the grooves in the upper forefoot region are substantially perpendicular to the longitudinal axis of the shoe outsole.
- 56. The shoe outsole of claim 49 wherein at least some of the grooves in the lower forefoot region extend to both side edges of the shoe outsole.
- 57. The shoe outsole of claim 49 wherein the grooves in the lower forefoot region extend toward a front edge of the shoe outsole beyond a ground engaging portion of the lower forefoot region when flat footed.
- 58. The shoe outsole of claim 49 wherein the lower forefoot region includes a plurality of ridges.



Applicant: Kevin H. Gillesp... Attorney's Docket No.: 06129-156001

Serial No.: 09/458,415

Filed : December 10, 1999

Page: 4

59. The shoe outsole of claim 58 wherein at least some of the ridges are interdigitated with the grooves in the lower forefoot region.

The shoe outsole of claim 49 wherein the member includes a back wall having a rounded contour extending smoothly between a horizontal plane and a vertical plane.

- 61. The shoe outsole of claim 1 wherein the outer member has a ground contacting surface including a toe region, there being a plurality of grooves defined in the toe region, at least one of the grooves extending toward a front edge of the shoe outsole beyond a ground engaging portion of the toe region when flat footed.
  - 62. The shoe outsole of claim 61 wherein the grooves are substantially parallel.
- 63. The shoe outsole of claim 61 wherein the grooves extend toward side edges of the shoe outsole.
- 64. The shoe outsole of claim 61 wherein the grooves are generally transverse to a longitudinal axis of the shoe outsole.
- 65. The shoe outsole of claim 64 wherein the grooves are substantially perpendicular to the longitudinal axis of the shoe outsole.

The shoe outsole of claim 61 wherein the member includes a back wall having a contour extending smoothly between a horizontal plane and a vertical plane.

- 67. The shoe outsole of claim 1 wherein the outer member includes a forefoot region, there being a plurality of substantially parallel grooves located in the forefoot region, and a plurality of substantially parallel ridges, at least some of the ridges being interdigitated with the grooves.
- 68. The shoe outsole of claim 67 wherein the ridges are located at ground contacting regions of the forefoot region.

Applicant: Kevin H. Gilles ... Attendey's Docket No.: 06129-156001

Serial No.: 09/458,415

Filed: December 10, 1999

Page: 5

69. The shoe outsole of claim 67 wherein the grooves and the ridges are substantially parallel to each other.

- 70. The shoe outsole of claim 67 wherein the grooves are generally transverse to a longitudinal axis of the shoe outsole.
- 71. The shoe outsole of claim 70 wherein the grooves are substantially perpendicular to the longitudinal axis of the shoe outsole.
- 72. The shoe outsole of claim 67 wherein the ridges are generally transverse to a longitudinal axis of the shoe outsole.
- 73. The shoe outsole of claim 72 wherein the ridges are substantially perpendicular to the longitudinal axis of the shoe outsole.

The shoe outsole of claim 67 wherein the member includes a back wall having a rounded contour extending smoothly between a horizontal plane and a vertical plane.

75. The shoe outsole of claim 1 wherein the outer member has a ground contacting surface, an upper surface, and a side wall joining the ground contacting surface and the upper surface, the side wall including a back wall having a rounded contour extending smoothly between a horizontal plane and a vertical plane.

The shoe outsole of claim 1 wherein the ground contacting surface further includes an intermediate member having a softer durometer than the outer member, the durometer of the inner member being softer than the durometer of the intermediate member.